



UNITED STATES DEPARTMENT OF COMMERCE
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12M1/0826

FRISHAUF, HOLTZ, GOODMAN AND WOODWARD
600 THIRD AVENUE - 30TH FLOOR
NEW YORK, NY 10016

NOTICE OF ALLOWANCE
AND ISSUE FEE DUE

Note attached communication from the Examiner
 This notice is issued in view of applicant's communication filed _____

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
07/941,676	09/08/92	056	SPIVACK, P	1203 08/26/93
First Named Applicant	KOIKE, HIROYUKI			

TITLE OF INVENTION TETRAHYDROTHIENOPYRIDINE DERIVATIVES, FURO AND PYRROLO ANALOGS THEREOF AND THEIR PREPARATION AND USES FOR INHIBITING BLOOD PLATELET AGGREGATION

	ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
1	920676/HG	514-301.000	Q06	UTILITY	NO	\$1170.00	11/26/93

THE FEE DUE IS THE AMOUNT IN EFFECT AT THIS TIME. IF THE AMOUNT OF THE ISSUE FEE INCREASES PRIOR TO PAYMENT, APPLICANT WILL BE NOTIFIED OF THE BALANCE OF ISSUE FEE DUE.

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.

PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY Status shown above.
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

If the SMALL ENTITY is shown as NO:

A. Pay FEE DUE shown above, or
B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
B. If the Status is the same, pay the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date) and serial number.
Please direct all communications prior to issuance to Box ISSUE FEE unless advised to contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
07/941,676	09/08/92	KOIKE	1 920676/HG
FRISHAUF, HOLTZ, GOODMAN AND WOODWARD 600 THIRD AVENUE - 30TH FLOOR NEW YORK, NY 10016			EXAMINER SPIVACK, P
12M1/0826			ART UNIT 1203 PAPER NUMBER 10
			DATE MAILED: 08/26/93

NOTICE OF ALLOWABILITY

PART I.

Amendment filed May 21, 1993

- This communication is responsive to *Amendment filed May 21, 1993*
- All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- The allowed claims are *1 to 5, 7 to 17, 19 to 21, 23 to 59; now renumbered 1 to 51*
- The drawings filed on _____ are acceptable.
- Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has been received. not been received. been filed in parent application Serial No. _____, filed on _____.
- Note the attached Examiner's Amendment.
- Note the attached Examiner Interview Summary Record, PTOL-413.
- Note the attached Examiner's Statement of Reasons for Allowance.
- Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
 - Drawing informatics are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. _____. CORRECTION IS REQUIRED.
 - The proposed drawing correction filed on _____ has been approved by the examiner. CORRECTION IS REQUIRED.
 - Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
 - Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTOL- 413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

Alan L. Rotman
ALAN L. ROTMAN
PRIMARY EXAMINER
ART UNIT 1203

P. Spivack
703-308-4703

Art Unit: 1203

The following is an Examiner's Statement of Reasons for Allowance: When taken in comparison to reference compounds C, D, and E in Table 1 of the ASA I Declaration, filed under 37 CFR 1.132, the instant compounds show superior inhibition of blood platelet aggregation. The instant compounds distinguish over the prior art by having an alkanoyl, alkenoyl, cycloalkylcarbonyl or benzoyl group for R2 in instant formula (I). The closest prior art compounds are deemed to be those disclosed by Badorc et al., U.S. Patent No 4,740,510, where the moiety comparable to instant R2 is an acid, ester or amide. There is no teaching or suggestion by Badorc et al. to incorporate alkanoyl, alkenoyl, cyloalkylcarbonyl or benzoyl in the R2 position. Therefore, claims 1 to 5, 7 to 17, 19 to 21 and 23 to 59 are allowed in view of the contemporary knowledge of the art.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Serial Number: 07/941676

-3-

Art Unit: 1203

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phyllis Spivack whose telephone number is (703) 308-4703.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-1235.

R
Spivack

August 20, 1993

Alan L. Rotman
ALAN L. ROTMAN
PRIMARY EXAMINER
ART UNIT 1203